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SDN No. RD 9-1224/23Page 2 of 5Copy 3 of 9TASK 8. (AS-6 DATA TELEMETERING SYSTEM)

Field Unit: Tests conducted in the Washington area on the service test model of the Field Unit Power Amplifier indicates that 4-65A tetrodes can be substituted for the PL-177 tetrodes now employed, with only minor retuning necessary. This change can be accomplished when the final model is returned for sealing prior to further testing.

Base Station: A representative spent six weeks in assisting with the installation of the AS-6 Base Station, and further, participated in an abbreviated test program which involved all built components of the system.

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Test results generally were satisfactory, however, there were minor discrepancies in the Field Unit channeling, which so far has been attributed to rough handling.

A considerable portion of the overseas six weeks' period was spent training personnel on the maintenance and operation of the AS-6 Base Station. Upon completion of this training, it is felt that these people can maintain this Base Station equipment, providing adequate spare parts are provided.

TASK 9. LINEAR EXCITER FOR THE AS-4A

This program has been delayed indefinitely, pending decisions on the future course of the AS-4B Program. This action has been directed by the cognizant Government engineer.

TASK 10. FABRICATION OF RS-16B

Work on this Task is nearing completion. To date, nine Field Units have been delivered to the Government. The tenth Field Unit is being retained by as Government furnished equipment assigned to Task 5. An eleventh Field Unit, made up of assemblies constructed under the spare parts program, and a chassis wired during the engineering phase of the program will be delivered along with the remaining spare parts early in the next reporting period.

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